
Specification & Guidelines for Road Safety Hardware

APPENDIX E: ROAD SAFETY HARDWARE DESIGN STATEMENTS



April 2022

INTRODUCTION AND REFERENCES

This appendix contains exemplar forms for road safety hardware Installation Designers to complete as part of their quality control regime. Alternative forms that are substantially similar may be used.

DOCUMENT REFERENCES

- AS/NZS 3845 Part 1:2015
- AS/NZS 3845 Part 2:2017
- Waka Kotahi NZTA M23
- Waka Kotahi NZTA M23 Interim acceptance notices
- Waka Kotahi Bridge Manual
- Waka Kotahi Traffic Control Devices Manual
- AUSTRROADS Part 6: Roadside Design, Safety and Barriers
- AUSTRROADS Part 3: Geometric Design
- American Association of Highway and Transportation Officials (AASHTO) Manual for Assessing Safety Hardware (MASH)



If you have further queries, call our contact centre on 0800 699 000 or write to us:

Waka Kotahi NZ Transport Agency
Private Bag 6995
Wellington 6141

This publication is also available on Waka Kotahi NZ Transport Agency's website at www.nzta.govt.nz



New Zealand Government



The Transport Agency is part of, and contributes to, the Road to Zero safety strategy.

Road to Zero is the government's strategy to guide improvements in road safety over the period 2020–2030. The strategy's vision is to stop people being killed or seriously injured on our roads. This means that no death or serious injury while travelling on our roads is acceptable.

For more information visit www.transport.govt.nz/zero

Road Safety Hardware Design Statement (RSHDS1) Design/Drawings/Documentation

Issued by:		<i>(Installation Designer's name & employer)</i>
To:		<i>(RCA)</i>
In respect of:		<i>(Description of design)</i>
At:		<i>(Safety hardware location)</i>

_____ *(Design Company)* has been engaged by
 _____ *(Client)* to provide design services for
 _____ in respect of the project requirements

Described above for _____ All Part only as specified
 The design has been prepared in accordance with Waka Kotahi M23 and associated technical memoranda and standard drawings; Austroads Guide to Road Design Part 6; and AS/NZS 3845 (delete as necessary) and the work is described on _____ drawing(s) titled _____ and numbered sheet(s) _____ of _____ and the specification plus other documents according to which the design is proposed to be constructed.

I, _____ *(name)*, have the necessary qualifications and experience as an independent road safety hardware design professional and **I BELIEVE ON REASONABLE GROUNDS** that subject to:

- (i) The verification of the following design assumptions: _____

and (ii)

.....
 all public domain and proprietary products meeting the performance specification requirements, the drawings, specifications, and other documents according to which the development is proposed to be constructed will result in a compliant design.

Road Safety Hardware Design Statement (RSHDS4) Construction Review & Audit

Issued by:		<i>(Installation Designer's name)</i>
To:		<i>(RCA)</i>
In respect of:		<i>(Description of design)</i>
At:		<i>(Location)</i>
		<i>(Address)</i>

.....*(System Installer)* has been contracted to the RCA to carry out and complete certain building works in accordance with contract, titled _____

.....*(known as the Contract)*.

.....*(Design Company)* has been engaged by _____ in accordance with the Contract.

I, *(Installation Designer)*, a suitably qualified design professional confirm that reviews of the System Installer's construction have been carried out with due skill, care and diligence as it relates to:

and I believe on reasonable grounds that these works have been carried out and completed in accordance with the Contract Documents.

I agree that the terms used herein have the same meaning as assigned to them in the Contract.

.....
(Signature of suitably qualified design professional on behalf of Design Company)

..... Date:
(Professional Qualifications)